

(i) A brief abstract describing the major occurrences during the event, including all component or system failures that contributed to the event and significant corrective action taken or planned to prevent recurrence;

(ii) A clear, specific, narrative description of the event that occurred so that knowledgeable readers conversant with the design of ISFSI or MRS, but not familiar with the details of a particular facility, can understand the complete event. The narrative description must include the following specific information as appropriate for the particular event:

(A) ISFSI or MRS operating conditions before the event;

(B) Status of structures, components, or systems that were inoperable at the start of the event and that contributed to the event;

(C) Dates and approximate times of occurrences;

(D) The cause of each component or system failure or personnel error, if known;

(E) The failure mode, mechanism, and effect of each failed component, if known;

(F) A list of systems or secondary functions that were also affected for failures of components with multiple functions;

(G) For wet spent fuel storage systems only, after failure that rendered a train of a safety system inoperable, an estimate of the elapsed time from the discovery of the failure until the train was returned to service;

(H) The method of discovery of each component or system failure or procedural error;

(I)(1) Operator actions that affected the course of the event, including operator errors, procedural deficiencies, or both, that contributed to the event;

(2) For each personnel error, the licensee shall discuss:

(i) Whether the error was a cognitive error (e.g., failure to recognize the actual facility condition, failure to realize which systems should be functioning, failure to recognize the true nature of the event) or a procedural error;

(ii) Whether the error was contrary to an approved procedure, was a direct result of an error in an approved procedure, or was associated with an activity or task that was not covered by an approved procedure;

(iii) Any unusual characteristics of the work location (e.g., heat, noise) that directly contributed to the error; and

(iv) The type of personnel involved (e.g., contractor personnel, utility-licensed operator, utility nonlicensed operator, other utility personnel);

(J) Automatically and manually initiated safety system responses (wet spent fuel storage systems only);

(K) The manufacturer and model number (or other identification) of each component that failed during the event;

(L) The quantities, and chemical and physical forms of the spent fuel, HLW, or reactor-related GTCC waste involved;

(3) An assessment of the safety consequences and implications of the event. This assessment must include the availability of other systems or components that could have performed the same function as the components and systems that failed during the event;

(4) A description of any corrective actions planned as a result of the event, including those to reduce the probability of similar events occurring in the future;

(5) Reference to any previous similar events at the same facility that are known to the licensee;

(6) The name and telephone number of a person within the licensee's organization who is knowledgeable about the event and can provide additional information concerning the event and the facility's characteristics;

(7) The extent of exposure of individuals to radiation or to radioactive materials without identification of individuals by name.

[59 FR 64285, Dec. 14, 1994, as amended at 64 FR 33183, June 22, 1999; 66 FR 51841, Oct. 11, 2001]

#### § 72.76 Material status reports.

(a) Except as provided in paragraph (b) of this section, each licensee shall complete, in computer-readable format, and submit to the Commission a material status report in accordance with instructions (NUREG/BR-0007 and

## § 72.78

NMMSS Report D-24 “Personal Computer Data Input for NRC Licensees”). Copies of these instructions may be obtained from the U.S. Nuclear Regulatory Commission, Division of Fuel Cycle Safety and Safeguards, Washington, DC 20555-0001. These reports provide information concerning the special nuclear material possessed, received, transferred, disposed of, or lost by the licensee. Material status reports must be made as of March 31 and September 30 of each year and filed within 30 days after the end of the period covered by the report. The Commission may, when good cause is shown, permit a licensee to submit material status reports at other times. The Commission’s copy of this report must be submitted to the address specified in the instructions. These prescribed computer-readable forms replace the DOE/NRC Form 742 which has been previously submitted in paper form.

(b) Any licensee who is required to submit routine material status reports pursuant to § 75.35 of this chapter (pertaining to implementation of the US/IAEA Safeguards Agreement) shall prepare and submit such reports only as provided in that section instead of as provided in paragraph (a) of this section.

[53 FR 31658, Aug. 19, 1988, as amended at 59 FR 35620, July 13, 1994; 66 FR 51841, Oct. 11, 2001]

EFFECTIVE DATE NOTE: At 67 FR 78143, Dec. 23, 2002, § 72.76 was amended by revising paragraph (a), effective Mar. 24, 2003. For the convenience of the user, the revised text is set forth as follows:

### § 72.76 Material status reports.

(a) Except as provided in paragraph (b) of this section, each licensee shall complete in computer-readable format and submit to the Commission a Material Balance Report and a Physical Inventory Listing Report in accordance with instructions (NUREG/BR-0007 and NMMSS Report D-24 “Personal Computer Data Input for NRC Licensees”). Copies of these instructions may be obtained from the U.S. Nuclear Regulatory Commission, Division of Nuclear Security, Washington, DC 20555-0001. These reports provide information concerning the special nuclear material possessed, received, transferred, disposed of, or lost by the licensee. Each report must be submitted within 60 days of the beginning of the physical inventory required by § 72.72(b). The Commission may, when good cause is

## 10 CFR Ch. I (1-1-03 Edition)

shown, permit a licensee to submit Material Balance Reports and Physical Inventory Listing Reports at other times. The Commission’s copy of this report must be submitted to the address specified in the instructions. These prescribed computer-readable forms replace the DOE/NRC forms 742 and 742C which have been previously submitted in paper form.

\* \* \* \* \*

### § 72.78 Nuclear material transfer reports.

(a) Except as provided in paragraph (b) of this section, whenever the licensee transfers or receives special nuclear material, the licensee shall complete in computer-readable format a Nuclear Material Transaction Report in accordance with instructions (NUREG/BR-0006 and NMMSS Report D-24, “Personal Computer Data Input for NRC Licensees”). Copies of these instructions may be obtained from the U.S. Nuclear Regulatory Commission, Division of Fuel Cycle Safety and Safeguards, Washington, DC 20555-0001. Each ISFSI licensee who receives spent fuel from a foreign source shall complete both the supplier’s and receiver’s portion of the Nuclear Material Transaction Report, verify the identity of the spent fuel, and indicate the results on the receiver’s portion of the form. These prescribed computer-readable forms replace the DOE/NRC Form 741 which has been previously submitted in paper form.

(b) Any licensee who is required to submit Nuclear Material Transactions Reports pursuant to § 75.34 of this chapter (pertaining to implementation of the US/IAEA Safeguards Agreement) shall prepare and submit the reports only as provided in that section instead of as provided in paragraph (a) of this section.

[59 FR 35621, July 13, 1994, as amended at 66 FR 51841, Oct. 11, 2001]

### § 72.80 Other records and reports.

(a) Each licensee shall maintain any records and make any reports that may be required by the conditions of the license or by the rules, regulations, and orders of the Commission in effectuating the purposes of the Act.

(b) Each licensee shall furnish a copy of its annual financial report, including